

OUTPUT FACT SHEET

Trainings

Version 2

Project index number and acronym	CE 1064 AMiCE
Output number and title	O.T2.3 Training on collaborative implementation of the demonstrators and pilot lines network
Responsible partner (PP name and number)	PP8 University of Genoa
Project website	https://www.interreg-central.eu/Content.Node/AMiCE.html (https://www.amice-alliance.eu/)
Delivery date	25.-26.06.2020

Summary description of the key features of the tool (developed and/or implemented) and of its transnational added value

The network of pilot lines and demonstrators is an effective format of innovation support in the manufacturing sector. Building upon the shared use of demonstrators and pilot lines, is not yet the usual practice of innovation support. It is not only a good mean to develop the innovation ecosystem, but also to facilitate the shared use of infrastructures. Researchers are cautious to open up their facilities to possible competitors because they fear confidentiality and IPR-problems although a opening process is urgently needed.

Therefore, the AMiCE consortium founded a network of shared demonstrators and pilot lines. The concept bases on preliminary analysis works and is executed by a transnational work group. That group collected and evaluated information on existing pilot lines, demonstrators, their accessibility, possible IPR-restrictions and experiences with similar initiatives. Within the pilot action a concept was developed how the existing demonstrators and pilot lines can be opened and shared with companies and other research partners.

In order to fill this concept with life actors from facilitators or owners of those demonstrator networks, research organizations, clusters, business support organizations were trained to operate and develop the network efficiently in 2-to-2.5-day pilot action training courses. The pilot action training concept included different sessions allowing to identify new challenges and opportunities in order to be able to tackle them within the learning and demonstration network, whereas a poster session offered an overview of remarkable ongoing CE research projects.

Furthermore, the training concept addressed the following aspects:

- Presentation of the involved demonstration sites and of their specific Know-how
- How to bring the network to life?
- Results and experiences of the pilot actions implementation
- Current and future challenges in the fields of additive technologies and circular economy
- How to organize the access of SMEs?
- How to improve the site sharing procedures?
- How to bring research institutions into the network and develop a vibrant interregional innovation community
- How to sustain the network beyond the project runtime?

The training concept was developed by an inter-regional working group under coordination of the WP-leader. The development of the training in an international group was crucial for the motivation of all regions to participate. With that process, we could ensure that we communicated and considered all available experiences during the training. That contributed also to the practical experience of a living co-operation culture and enhanced the consolidation of the network linkages among the involved actors.

The AMICE training event, organized in Genova, Italy, was scheduled on 28th-29th November, 2019 simultaneously with the 5th Edition of the “Genova Smart Week” event. The training about additive technologies and related demonstrators and pilot lines was organized in a digital format on 25-26.06.2020.

NUTS region(s) where training(s) have been conducted (relevant NUTS level)

The training was held in the Teams-WebSpace under the lead of PP 8, UNIGE, IT C3 Liguria
Participants came from: DED4 and DED 2 (Saxony), PL51 Dolnośląskie, CZ 04 and CZ 05 (Severozápad and Severovýchod), IT C3 Liguria, SK 03 and SK 01 (Stredné Slovensko and Bratislavský kraj)

Expected impact and benefits of the trainings for the concerned territories and target groups

The training facilitated the consolidation of the network of pilot lines and demonstrators with the focus on advanced additive manufacturing technologies. The participants are familiar with the opportunities, the objectives and the rules of the network of pilot lines and demonstrators. They have provided a comprising overview on the available expertise within the network. The participants have improved their ability to facilitate the shared use of innovation infrastructure, to share own infrastructures and to support investment decisions of SMEs for innovation projects. All participants from SMEs, research, business support and policy have enlarged their opportunities to initialise sustainable interregional co-operation projects and to promote the knowledge transfer related to the available demo cases and pilot lines. The training has contributed to build capacities for interregional cooperation and innovation projects at the institutions, owning and operating the pilot lines and demonstrators.

Sustainability of the training(s) and developed training material(s) and their transferability to other territories and stakeholders

The training tackled questions, how the learning and demonstration network can master the challenges to support the uptake of additive technologies by SMEs. The training concept combined the delivery of information about the activities of involved network partners, their expertise with regard to special challenges with organizational and legal aspects of sharing research infrastructures and the provision of efficient support to innovation teams. We have learned that apart from the online discussions, the face2face-contact of researchers and entrepreneurs in order to cope with improved access to testing and manufacturing sites is crucial. It is planned to link the trainings of the AMiCE-alliance with similar offers of Pan-European networks, like the 3DPanEU- and 3DP-pilots of VANGUARD, the platform for sharing research infrastructures of the European Lightweight Cluster Alliance and others. The AMiCE network of pilot lines and demonstrators is open to new partners from other territories and for further advanced manufacturing topics. We have learnt that the presentation and discussion of practical examples (case studies) for the training of the diagnosis methodology, IPR-issues and the preparation of the infrastructure sharing are key elements of the training.

**References to relevant deliverables and web-links
If applicable, pictures or images to be provided as annex**

The following two deliverables relate directly to that output:

D.T2.3.2 delivery of training-AM report

D.T2.3.1 documentation of the training concept and plan

They are to find at the project website and in the web-based knowledge sharepoint of the AMiCE-alliance:

<https://www.interreg-central.eu/Content.Node/AMiCE.html>

<https://www.amice-alliance.eu/>